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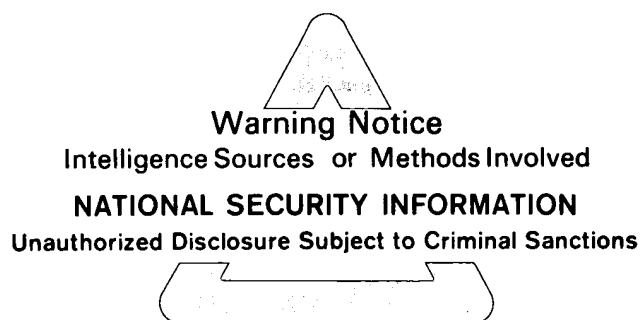
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CONTROL NO. Z-14208/83

NPIC/IEG (11/83)

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Attachment to Z-14208/83

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NPIC/IEG (11/83)

2 NOVEMBER 1983

IMPROVED SA-13 PROBABLY UNDER DEVELOPMENT  
DONGUZ, USSR (SWN)

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1. SIGNIFICANCE: RECENT TESTING OF THE SA-13 AT DONGUZ INDICATES THE SOVIETS ARE PROBABLY DEVELOPING AN IMPROVED MISSILE AND IN SO DOING WILL INCREASE THE THREAT TO OPPOSING FORCE AIRCRAFT. (SWN)
2. REMARKS: THE SOVIETS WERE CONDUCTING AN SA-13 SAM TEST AT DONGUZ AAA/SAM MOBILE TEST AREA [REDACTED] THE PRESENCE OF TWO SA-13 TRANSPORTER-ERECTOR-LAUNCHER AND RADAR (TELAR) WITH MISSILE CANISTERS, A RECENTLY DESTROYED DRONE/REMOTELY PILOTED AIRCRAFT, AND THE ACTIVITY AT TELEMETRY AND CAMERA GROUND COLLECTION POSITIONS INDICATE RESEARCH AND DEVELOPMENT (R&D) OF AN IMPROVED SA-13 MISSILE. THE DATA COLLECTED AT TELEMETRY AND CAMERA STATIONS IS OF IMPORTANCE ONLY TO R&D ENGINEERS AND IS INDICATIVE OF R&D TESTING AND NOT TROOP TRAINING. TESTING HAD PROBABLY BEEN INITIATED [REDACTED] WHEN A DAMAGED FAGOT/FRESCO WAS OBSERVED ON PARTIAL COVERAGE. THE SA-13 TELAR PRESENT [REDACTED] ARE THE FIRST OBSERVED AT THE ANTI-AIRCRAFT ARTILLERY (AAA)/SAM MOBILE TEST AREA SINCE THE SYSTEM COMPLETED FIELD TESTS HERE IN MARCH 1974. (SWN)

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ANALYSIS [REDACTED] REVEALED THAT THE SA-13 TELAR HAD JUST BEEN ENGAGED IN A MONITORED SAM LAUNCH AGAINST A TARGET AIRCRAFT. THE DEBRIS FROM THE DRONE/REMOTELY PILOTED AIRCRAFT WAS OBSERVED AT 51-21-00N 054-42-35E (FIGURE 2). A CARGO TRUCK AND A VAN TRUCK WERE AT THE SITE OF THE CRASH, POSSIBLY TO COLLECT SOME OF THE WRECKAGE. THE PRESENCE OF WATER OVER THE DEBRIS INDICATED THAT THE FIRE FROM THE CRASH HAD JUST BEEN EXTINGUISHED. THE LAUNCH POSITIONS FOR THE TWO SA-13 TELAR WERE AT TEST OPERATIONS AREA C, 1.1 NM SOUTHWEST OF THE CRASH SITE AND LAUNCH POSITION 1, 1.3 NM SOUTHEAST OF THE CRASH SITE (FIGURE 3). [REDACTED]

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TEST OPERATIONS AREA B WAS PROBABLY THE OPERATIONS AND CONTROL CENTER FOR THE TESTS. IN ADDITION TO THE CAMERA STATION, THE AREA HAS TELEMETRY ANTENNAS, TRACKING RADARS, ACQUISITION RADARS, AND AIR GROUND COMMUNICATIONS ANTENNAS. [REDACTED] 25X1

25 PEOPLE, ONE CARGO TRUCK, ONE BBV TRUCK, AND ONE UAZ-69 WERE NEWLY OBSERVED NEAR THE CAMERA STATION IN AREA B. A FIRE TRUCK, PROBABLY THE ONE USED TO EXTINGUISH THE BURNING AIRCRAFT DEBRIS, AND FIVE VEHICLES/PIECES OF EQUIPMENT WERE ADJACENT TO THE OPERATIONS BUILDING. (SWN)

ANALYSTS'S COMMENTS -- THE SOVIET SA-13 IS A MOBILE, SHORT-RANGE (7.5 KM), LOW-ALTITUDE (6,000 METERS) TACTICAL SAM SYSTEM FOUND IN THE AIR DEFENSE BATTERIES OF TANK AND MOTORIZED RIFLE REGIMENTS. THE SYSTEM CONSISTS OF A MT-LB TRACKED TELAR WITH FOUR CANISTERED, HEAT-SEEKING MISSILES. THE TESTING IDENTIFIED AT DONGUZ IS EVIDENCE OF THE ONGOING SOVIET R&D PROGRAM TO IMPROVE MANEUVER REGIMENT'S AIR DEFENSE. THE ONGOING DEVELOPMENT PROGRAM FOR A FOLLOW-ON TO THE ZSU-23/4 (THE ZSU-X) AND A NEW MOBILE AIR DEFENSE COMMAND POST (THE DOG EAR) ARE OTHER EXAMPLES OF THIS COMMITMENT. (SWN) [REDACTED] 25X1

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3. [REDACTED] COORDINATES 51-19-30N 054-42-25E (S) 25X1

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